

MAY 07 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): ESCH et al.

Appl. No. 08

870,591

Series Code ↑

Serial No. ↑

Filed: June 6, 1997

Hon. Commissioner of Patents
Washington, D.C. 20231

Group Art Unit 1754

Examiner: S. Hendrickson

Atty. Dkt. P 238397 93200 FH

M#

Client Ref

Appln. Title: PRECIPITATED SILICAS

Sir:

REPLY/AMENDMENT/LETTER

Date: May 7, 2001

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☐ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See **Required**
Separate Paper
(Pat-256)

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	4	**minus 20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	1	***minus 3	0	x \$80/\$40 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)	add			+ \$270/\$135 =	+ \$0	104/204
5. Original due Date: May 7, 2001	<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$390/\$195 = \$890/\$445 = \$1390/\$695= \$1890/\$945=	+ \$0			115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract	- \$0					
8.	Extension Fee Attached			+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee	+ \$110/\$55			+ \$0	148/248	
10. If IDS attached requires Official Fee under Rule 97 (c),	add + \$180			+ \$0	126	
or if Rule 97(d) Request	add + \$180			+ \$0	126	
11. After-Final Request Fee per rules 129(a) and 17(r)	+ \$710/355			+ \$0	146/246	
12. No. of additional inventions for examination per Rule 129(b)	x \$710/355 ea			+ \$0	149/249	
13. Request for Continued Examination (RCE)	+ \$710/355			+ \$0	1179/1279	
14. Petition fee for				+ \$0		
15.	TOTAL FEE ENCLOSED =			\$0		

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 21123 238397

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

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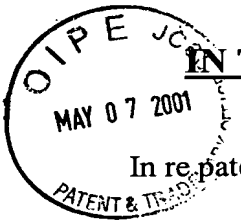
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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



#38/6
5/17/01
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re, patent application of:

ESCH, *et al.*

Appl. No.: 08/870,591

Filed: June 6, 1997

For: **Precipitated Silicas**

Art Unit: 1754

Examiner: S. Hendrickson

Atty. Dkt. 21123/238397

Amendment and Response Under 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated February 7, 2001, Applicant respectfully request reconsideration of the above-captioned application in view of the following amendments and remarks.

RECEIVED
MAY 10 2001
C 1754

Amendments

In the Claims:

Please cancel claims 8-11 without prejudice.

Please add new claims 12-15 as follows:

12. A vulcanized rubber compound comprising precipitated silica having the following physico-chemical properties:

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BET surface area:	35 to 350 m ² /g;
BET/CTAB surface area ratio	0.8 to 1.1;
pore volume, PV	1.6 to 3.4 ml/g;
silanol group density, ml of NaOH consumed in raising pH to 9	6 to 20 ml;
averaged aggregate size	250 to 1500 nm;
CTAB surface area	30 to 350 m ² /g;
DBP volume	150 to 300 ml/100 g;